

Amendment for Application No.: 10/672,727
Attorney Docket: CFA00030US

Amendments to the Claims:

Please cancel Claims 2, 18, 24 and 30 without prejudice

Please amend the claims as shown below. This Listing of Claims will replace prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) An image processing apparatus comprising:
 a range designating means which unit adapted to designates a desired selected range of moving-image data from an original range of image data comprising a plurality of images comprising a plurality of frames, the selected range of image data beginning with a start frame and ending with an end frame;
 a trimming designating means which unit adapted to designates trimming areas of at least two frames the start frame and/or the end frame from a predetermined number of frames to be cut out from the range designated by said designating means;
 a setting means which sets the trimming areas of the predetermined number of frames to be cut out based on the trimming areas designated by said designating means; generating means which unit adapted to cuts out extract the predetermined number of frames from in the selected range of image data designated by said range designating means unit, extracts cut out the trimming areas of all the extracted frames based on the trimming areas of said start and/or end frames designated by said trimming designating unit set by said setting means, and generates a predetermined number of continuous still images from the trimming areas cut out of the extracted frames; and
 an printing output control means which unit adapted to prints output the continuous still images generated by said generating means unit.

2. (canceled)

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3. (currently amended) An image processing apparatus according to Claim 1, wherein said output control~~designating means-unit~~ displays images corresponding to the ~~two frames~~start frame and the end frame and further displays ~~frames indicating~~ the trimming areas in the image.

4. (currently amended) An image processing apparatus according to Claim 1, wherein said setting-generating means-unit determines the trimming areas so that the designated trimming areas are gradually changed for the frames ~~existing-between the two frames~~start frame and the end frame to which the trimming areas are designated by said trimming designating means-unit.

5. (currently amended) An image processing apparatus according to Claim 4, wherein said setting-generating means-unit proportionally changes the position and/or the size of the trimming area of the ~~frame-existing~~frames between the ~~two designated frames~~start frame and the end frame.

6. (currently amended) An image processing apparatus according to Claim 4, wherein said setting-generating means-unit non-linearly proportionally changes the position and/or the size of the ~~frame-existing~~trimming area of the frames between the ~~two designated frames~~start frame and the end frame.

7. (currently amended) An image processing apparatus according to Claim 1, ~~further comprising~~wherein said:
display-output control means-unit is adapted to which-switches and displays
output the predetermined-number-of-the continuous still images generated by said generating means-unit in the appearance order of the ~~moving-image~~ data.

8. (currently amended) An image processing apparatus according to Claim 7, wherein the output control unit is adapted to display same-window ~~realizes-a range designating operation of said range designating means-unit and~~ a display operation of said display-output control means-unit in the same window.

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9. (currently amended) An image processing apparatus according to Claim 1, wherein said range designating means-unit is adapted to designates the ~~desired-selected~~ range by designating the desired-start position-frame and the end position-frame on a drawing corresponding to the ~~entire-original~~ range of the moving-image data.

10. (currently amended) An image processing apparatus according to Claim 1, wherein said generating ~~means-unit is adapted to~~ extracts the ~~the predetermined number of~~ frames from the ~~desired-selected~~ range so that the frames are positioned at the same time interval.

11. (currently amended) An image processing apparatus according to Claim 7, wherein said display-output control means-unit is adapted to switches and displays the continuous still images at a predetermined time interval.

12. (currently amended) An image processing apparatus according to Claim 11, ~~further comprising:~~
~~setting means which sets wherein~~ the predetermined time interval ~~in accordance with this based on a~~ user's instruction.

13. (currently amended) An image processing apparatus according to Claim 11, wherein said ~~setting-generating means-unit is adapted to~~ sets the time required from display of the start frame to display of the end frame of the continuous still images.

14. (currently amended) An image processing apparatus according to Claim 11, wherein said ~~setting-generating means-unit is adapted to~~ sets a switching time interval of the continuous still images.

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15. (currently amended) An image processing apparatus according to Claim 11, wherein the continuous still images are switched in accordance with the movement of a cursor using as a pointing device.

16. (currently amended) An image processing apparatus according to Claim 1, further comprising:

a recording means which unit adapted to records the continuous still images under the control of said printing-output control means unit.

17. (currently amended) An image processing method comprising:

a range designating step of designating a desired-selected range of moving-image data from an original range of image data comprising a plurality of framesimages, the selected range of image data beginning with a start frame and ending with an end frame;

a trimming designating step of designating trimming areas of at least two frames the start frame and/or the end frame from a predetermined number of frames to be cut out from the range designated in said designating step;

a setting step of setting the trimming areas of the predetermined number of frames to be cut out based on the trimming areas designated in said designating step;

a generating step of cutting out the predetermined number of extracting the frames from in the selected range of image data designated in said designating step, extracting-cutting out the trimming areas of all the extracted frames based on the trimming areas of said start and/or end frames designated by said trimming designating step set in said setting step, and generating a predetermined number of continuous still images from the trimming areas cut out of the extracted frames; and

a printing-an output control step of printing-outputting the continuous still images generated in said generating step.

18. (cancelled)

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19. (currently amended) An image processing method according to Claim 17, wherein said ~~designating~~output control step displays images corresponding to the ~~two frames~~start frame and the end frame and further displays ~~frames~~ indicating the trimming areas in the image.

20. (currently amended) An image processing method according to Claim 17, wherein said ~~setting~~generating step determines the trimming areas so that the designated trimming areas are gradually changed for the frames ~~existing~~ between the ~~two frames~~start frame and the end frame to which the trimming areas are designated in said trimming designating step.

21. (currently amended) An image processing method according to Claim 20, wherein said ~~setting~~generating step proportionally changes the position and/or the size of the trimming area of the ~~frame existing~~frames between the ~~two designated frames~~start frame and the end frame.

22. (currently amended) An image processing method according to Claim 20, wherein said ~~setting~~generating step ~~non-linearly~~non-proportionally changes the position and/or the size of the trimming area of the frame existing frames between the ~~two designated frames~~start frame and the end frame.

23. (original) A storing medium for storing a computer-executable control program for executing an image processing method according to Claim 17.

24. (canceled)

25. (original) A storing medium for storing a computer-executable control program for executing an image processing method according to Claim 19.

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26. (original) A storing medium for storing a computer-executable control program for executing an image processing method according to Claim 20.

27. (original) A storing medium for storing a computer-executable control program for executing an image processing method according to Claim 21.

28. (original) A storing medium for storing a computer-executable control program for executing an image processing method according to Claim 22.

29. (original) A computer-executable control program for an image processing method according to Claim 17.

30. (canceled)

31. (original) A computer-executable control program for an image processing method according to Claim 19.

32. (original) A computer-executable control program for an image processing method according to Claim 20.

33. (original) A computer-executable control program for an image processing method according to Claim 21.

34. (original) A computer-executable control program for an image processing method according to Claim 22.

35. (currently amended) An image processing apparatus according to ~~Claim 2~~Claim 1, wherein said trimming designating ~~means displays unit is adapted to display~~ images corresponding to the ~~two frames~~start frame and the end frame and further displays frames indicating the trimming areas in the image.

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36. (currently amended) An image processing method according to Claim 17, wherein said trimming designating step displays images corresponding to the ~~two frames~~ start frame and the end frame and further displays frames indicating the trimming areas in the image.